Setting up of a gas tarMne project by the. DlSU

891. SHRI PARVATHANENI UP-ENDRA: Will the Minister of ENERGY be pleased to state:

(a) whether there is any proposal for setting up of a- Gas Turbine Project by the Delhi Electric Supply "Undertaking; and

(b) if so, what is the total estimated cost of the project, its power generating capacity and the progress made in the implementation of the project?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRIMATI SUSHILA ROHATGI): (a) and (b) A Gas Turbine Project of 180 MW (6x30. MW) has already been commissioned by the Delhi Electric Supply Undertaking during*'l?86-87. The estimated cost of the Project is Rs. 87 crores.

Use of solar energy

892. SHRI S. S. AHLUWTLIA: Will the Minister of ENERGY be leased to state:

(a) the steps taken for the use of solar energy;

(b) how much amount is earmarked n the Seventh Plan period for this urpose;

(c) whether State like Bihar where here is a shortage of hydro-electric ower will be benefited by any pro for the use of solar energy; and

(d) if go>, what are the details in this gard and if not what are. the'rea ms therefor?

THE MINISTER OF ENERGY AND 3E MINISTER OF STEEL AND CNES (SHRI VASANT SATHE): (a) a result oij intensive R&D activi-j and demonstration programmes taken up in" the various areas of solar energy a number of technologies have, been developed and their technical feasibility for various applications including g Deration of electricity has been established. Regarding solar thermal applications' an extension programme has been launched throughout the country These have aready started providing and saving energy in, a significant way. Solar photovoltaic systems have been developed and are being increasingly deployed for electrifying remote villages and other small power needs.

(b) An amfojint of Rs. 32 crores for solar thermal and Rs. 27 crores for solar photovoltaic programmes has been earmarked out of the total allocation of Rs. 412, 35 crores during the Seventh Plan period'.

(c) and (d) Use of solaT energy will benefit the country including th State of Bihar. The Department of Non-convetipnal (Energy) Sources is imple-. meriting the programme of solar en ergy applications through the State Government Bihar Renewable Energy Development Agency and Rural Elec trification Corporation". Under the solar thermal extension programme of the Department^ 8 solar water heating sys«tems) are being installed and so far 44 solar photovoltaic water pumping systems and 60 photovoltaic street-lighting systems have been supplied to the state for pumping water and lighting applications, respectively, in the rural areas.

Requirement of electricity in Bihar

893. SHRI S. S AHLUWALIA: Will the Minister of ENERGY be pleased to state;

(a) what is the present consumption and requirement of electricity in units in the State of Bihar;

(b) what was the total electricity generated hi Bihar; in 1985-86 and 1986-87; and